

**Remarks**

**Response to Restriction Requirement**

Claims 1-28 are pending in the application. According to the restriction requirement, Applicants must elect from the following three groups of claims:

Group I: Claims 1-8, drawn to an isolated mutant prohormone convertase I polypeptide comprising a missense mutation at residue Asn222 in the catalytic domain.

Group II: Claims 9-16, drawn to an isolated polynucleotide encoding a mutant prohormone convertase I polypeptide comprising a missense mutation at residue Asn222 in the catalytic domain.

Group III: Claims 17-28, drawn to a non-human mammal that comprises a polynucleotide encoding a mutant prohormone convertase I polypeptide comprising a missense mutation at residue Asn222 in the catalytic domain.

Applicants hereby elect Group III for prosecution in this case. The election is made without traverse.

**Conclusion**

In view of the foregoing, Applicant believes all claims now pending in this Application are in condition for examination. If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned attorney at 858-812-1547.

Respectfully submitted,

/ Timothy L. Smith, Reg. No. 35,367 /  
Timothy L. Smith, J.D., Ph.D.  
Reg. No. 35,367

GENOMICS INSTITUTE OF THE NOVARTIS RESEARCH FOUNDATION  
10675 John Jay Hopkins Drive, Suite E225  
San Diego, CA 92121  
Tel: (858) 812-1547  
Fax: (858) 812-1981